### **PCT**

## WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



# INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:		(11) International Publication Number:	WU 99/12/35
B32B 27/34, B65D 65/40	A1	(43) International Publication Date:	18 March 1999 (18.03.99)
(21) International Application Number: PCT/US98/18731 (22) International Filing Date: 8 September 1998 (08.09.98)		(81) Designated States: JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(30) Priority Data: 97202750.2 8 September 1997 (08.09.97	7) ]	Published  EP  With international search report	t.
(71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).		NT ket	
(72) Inventor; and (75) Inventor/Applicant (for US only): TROUILHET, Yves [FR/CH]; 4, chemin des Tattes, CH-1222 Vésenaz (CH).		ves .	
(74) Agent: EVANS, Craig, H.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		and seet,	
THE COLL COLLEGE AND THE COLLE			

### (54) Title: PACKAGING MATERIAL

#### (57) Abstract

A flexible or semi-flexible packaging material with an oxygen barrier between 10 and 100 cc/m<sup>2</sup>d atm and a water vapor barrier between 100 and 1000 g/m<sup>2</sup>d at 38 °C and 90 % relative humidity is disclosed. It contains (a) a layer of paper having a weight between 20 and 400 g/m<sup>2</sup>, (b) a layer of ethylene copolymer or grafted ethylene copolymer having a weight between 1 and 5 g/m<sup>2</sup> adjacent to layer (a), and (c) a layer of nylon comprising between 5 and 100 weight % of amorphous nylon and 0 and 95 weight % semicrystalline polyamide 6 having a weight between 10 and 30 g/m<sup>2</sup> adjacent to layer (b). This packaging material is particularly useful for packaging dairy products, such as cheese, butter and margarine.